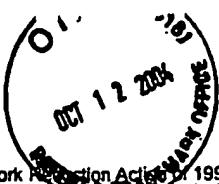


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Substitute for form 1449A/PTO

Application Number 09/426,793

Filing Date 10/23/1999

First Named Inventor: Donald C. Mann

Examiner: Karl R. Frech GROUP: 2876

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Attorney Docket Number **ULT-001****U.S. PATENT DOCUMENTS**

Examiner Initials*	Cited No. ¹	Document Number Number - Kind Code ² (Unknown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
KRF	D01	US-5,288,942	02/1994	Godfrey	
	D02	US-5,356,717	10/1994	Choki et al.	
	D03	US-6,184,788	B1	Middlemiss et al.	
	D04	US-2001/0052543	A1	Liu et al.	
	D05	US-6,430,114	B1	Wang et al.	
KRF	D06	US-6,677,105	B2	Wang et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Cntry Code ³ Number ⁴ Kind Code ⁵ (Unknown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶

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Application Number

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First Named Inventor:

Donald C. Mann

Examiner: Karl R. Frech

GROUP: 2876

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cited No. ¹	Document Number Number - Kind Code ² <i>(if known)</i>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
KOF	A01	US-4,985,795	01/1991	Gooch	
	A02	US-5,051,288	09/1991	Ahlert et al.	
	A03	US-5,942,744	08/1999	Kamo et al.	
	A04	US-RE38,290	10/2003	Rose	
	A05	2003-0024995	A1 02/2003	Conner et al.	
↓	A06	2003-0043485	A1 03/2003	Conner et al.	
KOF	A07	2003-0218064	A1 11/2003	Conner et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ <i>(if known)</i>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶

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ULT 001SERIAL NO.
09/426, 793

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FILING DATE
October 23, 1999GROUP
2876

U.S. PATENT DOCUMENTS

EXAMINER/ATTY	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KOF	AA 6 1 3 1 8 1 6	10/17/00	Smith	235	475	
	AB 6 0 7 9 6 2 1	06/27/00	Vardanyan et al	235	487	RECEIVED
	AC 5 9 4 1 3 7 5	08/24/99	Kamens et al	206	38	
	AD 5 9 0 1 3 0 3	05/04/99	Chew	711	115	AUG 10 2000
	AE 5 9 0 1 0 1 2	05/4/99	Ishida	360	88	
	AF 5 8 9 8 6 1 2	04/27/99	Chen et al	365	158	TECH CENTER 2800
	AG 5 8 9 5 9 0 9	04/20/99	Yoshida	235	487	
	AH 5 8 9 5 9 0 3	04/30/99	Abe et al	235	380	
	AI 5 8 8 9 2 7 3	03/30/99	Goto	235	492	
↓	AJ 5 8 8 6 3 3 3	03/23/99	Miyake	235	380	
KOF	AK 5 8 8 4 2 7 1	03/16/99	Pitroda	705	1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES	NO	
KOF	AL	9 2 1 0 4 8 5	12/7/92	PCT Application W093/1292 08.07.93			
KOF	AM	0 1 9 4 6 7 5	09/17/86	European Pat Appln	4	611B5/71	
KOF	AN	1 0 0 4 1 1 1	04/98	Japan Pat Appln (Abstract)			X
↓	AO						
↓	AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

KOF	AQ	'A High Resolution Flying Magnetic Disk Recording System With Zero Reproduce Spacing Loss; B.Gooch, R.Niedermeyer, R.Wood and R.Pisharody
		'Pages 4545-4554, IEEE Transactions on Magnetis, Volume 27, No.6, November 1991 (The "Gooch Reference")
KOF	AR	'One (1) Page Advertising Brochure; SysTECH; Wallet size CDROM;
		Copyright 1999

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U.S. PATENT DOCUMENTS

EXAMINER R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KDF	BA 5 8 8 3 3 7 7	03/16/99	Chapin	235	493	
	BB 5 8 8 0 4 4 5	03/09/99	Mori et al	235	380	
	BC 5 8 6 9 8 2 3	02/09/99	Bublitz et al	235	380	RECEIVED
	BD 5 8 6 6 8 9 1	02/02/99	Fujimoto et al	235	435	
	BE 5 8 6 2 1 7 4	01/19/99	Yokota	375	219	AUG 30 1999
	BF 5 8 6 1 2 2 0	01/19/99	Coughlin	428	694	TECH CENTER 300
	BG 5 8 5 9 4 1 9	01/12/99	Wynn	235	487	
	BH 5 8 5 7 0 7 9	01/05/99	Claus et al	704	33	
	BI 5 8 5 2 2 8 9	12/22/98	Masahika	235	492	
✓	BJ 5 8 5 1 6 8 8	12/22/98	Chen et al	428	694	
KDF	BK 5 8 4 4 2 3 0	12/1/98	Lalonde	235	487	

FOREIGN PATENT DOCUMENTS

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	BM						
	BN						
	BO						
	BP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

KDF	BQ	(One Page) Advertising Brochure; iomega Click! PC Card Drive (40 MB Disk) Iomega Corporation, 1999.
KDF	BR	Three (3) Pages / Gold CD Mini Rom(Picture); Back/Front Packaging for CD Mini Rom AOL; America On Line; 1995
EXAMINER		DATE CONSIDERED
		11/19/99

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U.S. PATENT DOCUMENTS

INITIAL	DOCUMENT NUMBER								DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>LC</i>	CA	5	8	4	4	2	1	8	12/01/98	Kawan et al		235	380	
	CB	5	8	4	3	5	6	5	12/1/98	Davies et al		428	212	
	CC	5	8	3	4	7	5	6	11/10/98	Gutman et al		235	493	
	CD	5	8	2	8	0	5	3	10/27/98	Kinugasa		235	492	RECEIVED
	CE	5	8	2	5	3	9	3	10/20/98	Kocznar et al		347	171	<i>AUG 30 2004</i>
	CF	5	7	8	9	7	3	3	08/04/98	Jachimowicz et al		235	492	
	CG	5	7	7	7	3	0	6	07/07/98	Masuda		235	380	<i>TECH CENTER 2800</i>
	CH	5	7	7	0	9	4	2	06/23/98	Tagchi		342	207.21	
	CI	5	7	6	3	8	6	2	06/09/98	Jachimowicz et al		235	380	
	CH	5	7	4	8	7	3	7	05/05/98	Daggar		380	24	
<i>✓</i>	CJ	5	7	3	8	9	4	5	04/14/98	Lal et al		428	611	
<i>KD</i>	CK	5	7	3	4	1	5	4	03/31/98	Jachimowicz et al		235	492	

FOREIGN PATENT DOCUMENTS

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	CM							
	CN							
	CO							
	CP							

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09/426,793

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APPLICANT Donald C. Mann et al

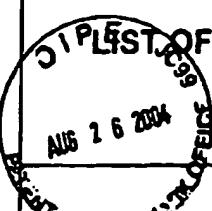
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U.S. PATENT DOCUMENTS

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KCP	DA	5	7	2	3	0	3	3	03/03/98	Weiss	204	192.15				
	DB	5	7	2	0	5	0	0	02/24/98	Okazaki et al	360	81				
	DC	5	7	1	4	7	4	7	02/03/98	West et al	235	493	RECEIVED			
	DD	5	7	1	3	4	0	6	02/03/98	Drury	150	132				
	DE	5	6	9	8	8	3	9	12/16/97	Jagielinski	235	493	AUG 30 2004			
	DF	5	6	7	9	9	4	5	10/21/97	Renner et al	235	492				
	DG	5	6	7	9	9	4	2	10/21/97	Toyama	235	449	TECH CENTER 2800			
	DH	5	6	3	7	1	7	4	06/10/97	Field et al	156	256				
	DI	5	6	1	2	5	2	6	03/18/97	Oguchi et al	235	375				
✓	DJ	5	6	0	9	2	5	3	03/11/97	Goade	206	460				
KDP	DK	5	5	9	8	4	7	4	01/28/97	Johnson	380	23				

FOREIGN PATENT DOCUMENTS

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EXAMINE R INITIAL	DOCUMENT NUMBER									DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
YDF	EA	5	5	8	8	7	6	3	12/31/96	Nubson et al	400	700			
	EB	5	5	5	9	8	8	5	09/24/96	Drexler et al	380	23			RECEIVED
	EC	5	5	5	7	0	8	9	09/17/96	Hall et al	235	440			
	ED	5	5	3	5	0	7	8	07/09/96	Warwick	360	119			AUG 30 2004
	EE	5	5	3	0	2	3	2	06/35/96	Taylor	235	380			
	EF	5	5	2	1	7	7	4	05/28/96	Parks et al	360	81			TECH CENTER 2800
	EG	5	5	0	9	0	8	3	04/16/96	Abtahi et al	382	124			
	EH	5	4	8	0	6	8	5	01/02/96	Suzuki et al	427	548			
	EI	5	4	6	6	9	1	8	11/14/95	Ray et al	235	380			
	EJ	5	4	5	2	1	4	3	09/19/95	Kamagami	360	2			
YDF	EK	5	4	3	1	7	4	6	07/11/95	Manning et al	148	122			

FOREIGN PATENT DOCUMENTS

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	EO								
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100F	FA	5 4 2 6 2 8 6	06/20/95	Nair	235	449	
	FB	5 4 2 1 6 1 8	06/6/95	Okazaki et al	283	82	
	FC	5 4 1 0 1 3 6	04/25/95	Mcintire et al	235	380	RECEIVED
	FD	5 3 9 7 8 8 6	03/14/95	Mos et al	235	475	
	FE	5 3 9 6 5 4 5	03/07/95	Nair et al	379	91	AUG 30 2004
	FF	5 3 9 6 3 6 9	05/7/95	Deland Jr et al	360	2	TECH CENTER 2800
	FG	5 3 6 2 9 5 2	11/08/94	Nair et al	235	449	
	FH	5 3 3 6 8 7 1	10/09/94	Colgate Jr	235	380	
	FI	5 3 2 1 2 4 3	06/14/94	Groves et al	235	449	
	FJ	5 3 1 1 0 0 3	05/10/94	Saroya	235	485	
KDP	FK	5 3 0 9 3 8 8	05/03/94	Maruyama et al	365	87	

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	FL						
	FM						
	FN						
	FO						
	FP						

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FQ		
FR		
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KDF	GA	4	9	7	8	4	0	1	12/18/90	Bonomi	156	64				
	GB	4	9	3	7	4	3	8	06/26/90	Warwick et al	235	446				
	GC	4	9	3	1	6	2	3	06/05/90	Nakamura et al	235	488	RECEIVED			
	GD	4	8	5	1	6	1	0	07/25/89	LeBlanc et al	174	35R				AUG 30 2000
	GE	4	8	3	3	3	1	0	05/23/89	Shimamura et al	235	479				
	GF	4	7	9	1	2	8	3	12/13/88	Burkhardt	235	438	TECH CENTER 2000			
	GG	4	7	7	7	5	4	0	10/11/88	McCoy	360	2				
	GH	4	7	7	4	6	1	8	09/27/88	Raviv	360	133				
	GI	4	7	0	1	6	0	1	10/20/87	Francini et al	235	449				
✓	GJ	4	6	8	7	7	1	2	08/18/87	Sugita et al	428	611				
KDP	GK	4	6	2	0	7	2	7	11/04/86	Stockburger et al	283	82				

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EXAMINER R INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ICM	HA	4	6	1	2	4	3	6	09/16/86	Okada	235	449	
	HB	4	5	8	5	9	2	9	04/29/86	Brown et al	235	449	
	HC	4	7	8	6	5	6	4	11/22/88	Chen et al	428	694TS	
	HD	4	6	0	9	8	1	2	09/02/86	Drexler	235	487	RECEIVED
	HE	4	5	9	8	1	9	6	07/01/86	Pierce et al	235	454	AUG 30 2004
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	HG	4	5	3	0	0	1	6	07/16/85	Sawazaki	360	55	TECH CENTER 2000
	HH	4	4	5	0	9	5	5	05/29/84	Featherston	206	39.6	
	HI	4	3	1	8	1	3	6	03/02/82	Jeffers	360	17	
	HJ	4	2	7	7	8	0	9	07/07/81	Fisher et al	360	131	
ICM	HK	4	1	9	7	9	8	8	04/15/80	Moss et al	235	449	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	YES	NO
	HL								
	HM								
	HN								
	HO								
	HP								

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

HQ	
HR	

EXAMINER	DATE CONSIDERED
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EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
100F	IA 4 1 4 1 4 0 0	02/27/79	Mangan	206	39.6	
	IB 4 1 0 4 6 8 2	08/01/78	Lehner et al	360	2	
	IC 4 0 7 6 1 2 5	02/28/78	Ohsaki et al	209	80.5	
100D	ID 3 8 3 8 2 5 2	09/24/74	Hynes et al	235	61.12M	
100D	IE 3 6 7 7 8 4 3	07/17/72	Reiss	216	22	
100F	IF					
100F	IG D 4 0 8 3 7 7	04/20/99	Ferchau et al	D14	387	X
100H	IH					
100I	II					
100J	IJ					
100K	IK					

FOREIGN PATENT DOCUMENTS

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						YES	NO
1L							
1M							
1N							
1O							
1P							

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1Q		
1R		

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